



College Township
Capital Improvement Program
2010 - 2014

2009 Budgeted CIP Projects – Status Report

CAPITAL IMPROVEMENT PROGRAM
2009 Budgeted CIP Projects - Status Report

	2009		2009		Budgeted Fund							STATUS
	CIP		CIP		Genl	Road Mach	Parks	State	Cap Res	Construct Fund	Total	
	Budgeted	Adjust	Expected	Account #								
Technology Plan												
PC Upgrade Plan	6,000	-	6,000	01.400.700	6,000						6,000	C
Digital Copier	5,000	-	5,000	01.400.388	5,000						5,000	C
Energy Management Plan	-	-	-	01.409.450	-						-	
Replacement Zoning Software	30,000	(30,000)	-	01.414.700	-						-	CO
Digital Video Recorder	900	-	900	01.400.700	900						900	C
Speed Sentry Radar Speed Sign	-	-	-	01.433.700	-						-	CO
Regional Projects												
COG Regional Parkland	75,292	-	75,292	01.454.453	75,292						75,292	C
COG Pools Capital	64,891	-	64,891	05.452.454			64,891				64,891	C
Millbrook Marsh Capital Campaign	35,000	-	35,000	01.453.542	35,000						35,000	C
Workforce Housing	100,000	-	100,000	01.492.030	100,000						100,000	C
Land Acquisition												
Official Map Related	275,000	(275,000)	-	01.454.710	-						-	C/O
Public Works-Vehicles / Equip												
Replace Vac All Truck #10	200,000	-	200,000	04.430.740		200,000					200,000	C
Replace 98 Brush Chipper	-	-	-	04.430.740		-					-	
Replace 84 Speedair Compressor	900	-	900	04.430.740		900					900	C
Replace 69 Stihl Chainsaw	400	-	400	04.430.740		400					400	C
Replace 94 Stihl Chainsaw	400	-	400	04.430.740		400					400	C
Replace 00 Honda Snow Blower	1,600	-	1,600	04.430.740		1,600					1,600	C
Replace 98 International Dump Body	22,400	-	22,400	04.430.740		22,400					22,400	C
Replace 2000 Ford T Tag Dump	43,500	-	43,500	04.430.740		43,500					43,500	C
	3,500	-	3,500	04.430.740		3,500					3,500	C
Public Works-Road Projects												
Cliffside Drive	111,770	-	111,770	35.438.000	19,120			92,650			111,770	C
Reese Road	70,550	-	70,550	35.438.000	26,950			43,600			70,550	C
Gibbons Street	27,575	-	27,575	35.438.000	20,375			7,200			27,575	C
Struble Road	80,310	-	80,310	35.438.000	7,560			72,750			80,310	C
Brush Valley Road	-	-	-	35.438.000	-			-			-	
Oakwood Drive	10,035	-	10,035	35.438.000	10,035						10,035	C
Pavement Painting (Contracted)	12,000	-	12,000	35.439.450	-			12,000			12,000	C
Guiderañ Vegetation Control	1,200	-	1,200	35.439.450	-			1,200			1,200	C
Gravel Road Dust Control	2,300	-	2,300	35.439.450	-			2,300			2,300	C
Microsurfing	33,350	-	33,350	35.438.000	-			33,350			33,350	C
Treat Concrete Curb	2,400	-	2,400	35.438.000	2,400						2,400	C
Pavement Painting (In-house)	5,243	-	5,243	35.438.000	5,243						5,243	C
Pavement Patching	16,780	-	16,780	35.438.000	16,780						16,780	C
Clean/Repair Inlets	9,420	-	9,420	35.438.000	9,420						9,420	C
Pavement Crack Seal	15,310	-	15,310	35.438.000	15,310						15,310	C
Shoulder Grading	12,880	-	12,880	35.438.000	12,880						12,880	C
Public Works-Street Takeover												
Margaret Circle	17,000	(17,000)	-	01.439.610	-						-	CO
Manor Drive/Mtn View Ave	197,000	(197,000)	-	01.439.610	-						-	CO

CAPITAL IMPROVEMENT PROGRAM
2009 Budgeted CIP Projects - Status Report

	Budgeted Fund											
	2009		2009									
	CIP		CIP	Account #	Genl	Road	Parks	State	Cap	Construct	Total	STATUS
Budgeted	Adjust	Expected			Mach			Res	Fund			
Public Works-Traffic Signals/Road Signs												
E College Ave / Struble Rd / Gerald St	9,250	-	9,250	35.433.240				9,250			9,250	C
S Atherton St / Rolling Ridge Dr	9,250	-	9,250	35.433.240				9,250			9,250	C
S Atherton St / Scenery Dr	9,250	-	9,250	35.433.240				9,250			9,250	C
Houserville Road Flasher	3,250	-	3,250	35.433.240				3,250			3,250	C
Elmwood Street Flasher	6,500	-	6,500	35.433.240				6,500			6,500	C
E College Ave/Squirrel Rd/Puddintown Rd	20,000	-	20,000	01.433.610	20,000						20,000	C
Road Signs	-	-	-	01.433.245	-						-	
Township Entry Signs	1,000	-	1,000	01.433.245	1,000						1,000	C
Conrofer/Emitter/Battery Backup	13,595	-	13,595	35.433.240				13,595			13,595	C
Public Works-Buildings / Grounds												
Fire Substation / HVAC	3,027,500	(817,500)	2,210,000	19.411.611					2,210,000		2,210,000	C
Municipal Building Roof	46,000	-	46,000	01.409.600	46,000						46,000	C
Municipal Sign Landscaping	3,000	-	3,000	01.409.372	3,000						3,000	C
Public Works-Storm / Other Infrastructure												
Oak Hall	15,000	-	15,000	01.446.660	15,000						15,000	C
Minor Remedial Projects (Mulberry)	11,260	-	11,260	01.446.612	11,260						11,260	C
TMDL Projects	-	-	-	01.446.612	-						-	
Trout Road Bridge	250,000	(250,000)	-	19.438.375							-	CO
Parks and Recreation												
Mt Nittany Terrace Park	3,500	-	3,500	05.454.611			3,500				3,500	C
Mountain Side Park	650	-	650	05.454.612			650				650	C
Penn Hills Park	2,010	-	2,010	05.454.612			2,010				2,010	C
Stoney Batter Open Space	-	-	-	05.454.612			-				-	
Harris Acres Park	-	-	-	05.454.612			-				-	
Oak Grove Park	1,395	-	1,395	05.454.612			1,395				1,395	C
Thompson Woods Parklet	50	-	50	05.454.612			50				50	C
Cain Crossing	-	-	-	05.454.612			-				-	
Shamrock Park	500	-	500	05.454.612			500				500	C
Fieldstone Park	2,800	-	2,800	05.454.612			2,800				2,800	C
Spring Creek Estates	500	-	500	05.454.612			500				500	C
Kissinger Open Space	-	-	-	05.454.612			-				-	
Fogelman Overlook	-	-	-	05.454.612			-				-	
Slab Cabin Overlook	200	-	200	05.454.624			200				200	C
Spring Creek Park	2,220	-	2,220	05.454.641			2,220				2,220	C
Slab Cabin Park	1,060	-	1,060	05.454.642			1,060				1,060	C
Nittany Orchard Park	1,000	-	1,000	05.454.643			1,000				1,000	C
Dalevue Park	800	-	800	05.454.644			800				800	C
Thompson Woods Preserve	11,000	-	11,000	05.454.645			11,000				11,000	C
Brandywine Path	5,000	-	5,000	05.454.677			5,000				5,000	C
Future Parkland	-	-	-	05.492.030			-				-	
Totals	4,947,446	(1,586,500)	3,360,946		464,525	272,700	97,576	316,145	-	2,210,000	3,360,946	

Financial Capacity Report

This report projects the revenues and expenditures of the Township over the 5 year CIP period and is intended to show the capacity to fund the planned projects and where adjustments may be necessary.

FINANCIAL CITY REPORT

(All Funds Combined)

Source: Annual Audit Report - Combined Statement of Revs, Exp, and Fund Bal

								Capital	Out Years					Details
	2003	2004	2005	2006	2007	2008	2009	Budget Year	2010	2011	2012	2013	2014	
	AUDITED	AUDITED	AUDITED	AUDITED	AUDITED	AUDITED	Projected		Estimated	Estimated	Estimated	Estimated	Estimated	
Revenue														
Taxes	\$ 2,452,004	\$ 2,777,513	\$ 3,175,751	\$ 3,564,298	\$ 3,724,724	\$ 3,701,275	\$ 3,602,594	\$ 4,004,358	\$ 4,162,377	\$ 4,330,206	\$ 4,509,602	\$ 4,656,340	Page 2	
Other	\$ 5,133,335	\$ 1,258,535	\$ 1,633,332	\$ 1,391,907	\$ 1,742,649	\$ 1,600,943	\$ 3,768,855	\$ 3,008,262	\$ 1,475,999	\$ 1,502,503	\$ 1,529,812	\$ 1,557,935	Page 2	
Total Revenue	\$ 7,585,339	\$ 4,036,051	\$ 4,809,083	\$ 4,956,205	\$ 5,467,373	\$ 5,302,218	\$ 7,371,449	\$ 7,012,650	\$ 5,638,376	\$ 5,832,716	\$ 6,039,414	\$ 6,256,275		
Expenditures														
Operating	\$ 3,407,457	\$ 3,496,276	\$ 3,597,974	\$ 3,786,897	\$ 4,091,953	\$ 4,413,078	\$ 4,555,777	\$ 4,791,451	\$ 4,954,495	\$ 5,218,368	\$ 5,454,608	\$ 5,704,525	Page 3	
Debt Service	\$ 1,594,575	\$ 219,450	\$ 247,580	\$ 247,550	\$ 248,050	\$ 244,720	\$ 245,840	\$ 247,925	\$ 245,445	\$ 243,650	\$ 243,658	\$ 248,332	Page 3	
Capital Improvement Program	\$ 840,378	\$ 1,066,272	\$ 802,658	\$ 1,141,266	\$ 717,491	\$ 1,076,001	\$ 3,360,946	\$ 2,502,061	\$ 1,239,617	\$ 1,368,603	\$ 939,097	\$ 1,119,402	CIP Section	
Total Expenditures	\$ 5,832,440	\$ 4,784,030	\$ 4,548,212	\$ 5,175,733	\$ 5,057,534	\$ 5,733,799	\$ 8,164,563	\$ 7,541,437	\$ 6,482,557	\$ 6,830,931	\$ 6,637,553	\$ 7,072,259		
Annual Change in Fund Balance	\$ 1,752,899	\$ (747,979)	\$ 160,871	\$ (219,525)	\$ 409,839	\$ (431,551)	\$ (593,114)	\$ (528,787)	\$ (844,181)	\$ (998,215)	\$ (599,149)	\$ (815,984)		
Fund Balance - Beginning of Year	\$ 1,091,121	\$ 2,844,020	\$ 2,096,041	\$ 2,265,912	\$ 2,037,384	\$ 2,447,223	\$ 2,447,223	\$ 1,854,109	\$ 1,325,322	\$ 451,141	\$ (517,074)	\$ (1,116,223)		
Accumulated Fund Bal (Deficit)	\$ 2,844,020	\$ 2,096,041	\$ 2,256,912	\$ 2,037,384	\$ 2,447,223	\$ 2,015,642	\$ 1,854,109	\$ 1,325,322	\$ 481,141	\$ (517,074)	\$ (1,116,223)	\$ (1,932,207)		

Special Note: Low or Negative fund balances in "out years" indicates the potential need for the Township to obtain additional funding through borrowings, taxes, expense reduction, and capital project timing.

FINANCIAL CITY REPORT
2010-2014 Revenue Projections

(All Funds Combined)

	Projected - 2009		2010 Estimated	2011 Estimated	2012 Estimated	2013 Estimated	2014 Estimated	
	Budget	Increase (Decrease)						
Taxes								
Real Estate	\$ 1,631,594	\$ -	\$ 1,631,594	\$ 1,673,946	\$ 1,715,795	\$ 1,758,690	\$ 1,802,657	\$ 1,847,724
Real Estate Transfer	375,000	(50,000)	325,000	385,862	395,508	405,396	415,531	425,919
Earned Income	1,200,000	-	1,200,000	1,297,200	1,402,273	1,515,857	1,638,641	1,771,371
Amusement	46,000	-	46,000	47,380	48,801	50,265	51,773	53,326
LST Taxes	600,000	-	600,000	600,000	600,000	600,000	600,000	600,000
Total Taxes	3,852,594	(50,000)	3,802,594	4,004,388	4,162,377	4,330,208	4,508,602	4,698,340
Other								
Cable TV Franchise Fees	119,000	-	119,000	122,570	126,247	130,034	133,935	137,953
Fines	113,700	-	113,700	113,700	113,700	113,700	113,700	113,700
Interest	55,500	(27,750)	27,750	27,750	27,750	27,750	27,750	27,750
Rents - Building / Easement	55,100	-	55,100	55,146	55,193	55,242	55,292	55,344
Intergovernmental								
State Liquid Fuel Allocation	216,000	-	216,000	222,480	229,154	236,029	243,110	250,403
PSU Impact Fee	250,000	-	250,000	250,000	250,000	250,000	250,000	250,000
Other Intergovernmental	276,089	-	276,089	229,202	232,408	235,710	239,111	242,614
Capital Grants	-	-	-	408,000	-	-	-	-
Charges for Services	294,640	-	294,640	294,640	303,479	312,583	321,960	331,619
Operation Contract-CTWA	74,820	-	74,820	77,065	79,377	81,758	84,211	86,737
Private/Public Donations	7,791	-	7,791	8,025	8,266	8,514	8,769	9,032
Debt Proceeds	3,376,250	(1,166,250)	2,210,000	1,150,000	-	-	-	-
Other Income	23,965	-	23,965	24,684	25,425	26,188	26,974	27,783
Transfer to Cap Reserve	100,000	-	100,000	25,000	25,000	25,000	25,000	25,000
Total Other	4,962,855	(1,194,000)	3,768,855	3,008,262	1,475,999	1,502,508	1,529,812	1,557,935
Total Revenues	\$ 8,815,449	\$ (1,244,000)	\$ 7,571,449	\$ 7,012,650	\$ 5,638,376	\$ 5,832,716	\$ 6,038,414	\$ 6,256,275

FINANCIAL CITY REPORT
2010 - 2014 Expenditure Projections

(All Funds Combined)

	Projected - 2009			2010 Estimated	2011 Estimated	2012 Estimated	2013 Estimated	2014 Estimated
	Budget	Increase (Decrease)	Projected					
Operating								
Wages	\$ 1,059,747	\$ -	\$ 1,059,747	\$ 1,126,551	\$ 1,151,760	\$ 1,186,804	\$ 1,222,548	\$ 1,258,963
Benefits	364,519	-	364,519	377,582	390,798	404,476	418,632	433,284
Police Services	1,105,029	-	1,105,029	1,199,012	1,300,982	1,411,604	1,531,679	1,661,870
COG Shares (operating)	781,781	-	781,781	805,234	829,391	854,273	879,901	906,298
CATA System	55,200	-	55,200	56,856	58,562	60,319	62,129	63,993
Other Operating	1,190,501	-	1,190,501	1,226,216	1,263,002	1,300,892	1,339,919	1,380,117
Total Operating	4,556,777	-	4,556,777	4,791,451	4,994,495	5,218,368	5,454,808	5,704,525
Debt Service	246,840	-	246,840	247,925	248,445	243,660	243,658	248,332
Capital Improvement Program	4,947,446	(1,586,500)	3,360,946	2,502,061	1,239,617	1,368,903	939,097	1,119,402
Total Expenditures	\$ 9,751,063	\$ (1,586,500)	\$ 8,164,563	\$ 7,541,437	\$ 6,482,557	\$ 6,830,931	\$ 6,637,563	\$ 7,072,259

FINANCIAL CAPACITY REPORT

Significant Assumptions

Whenever it is believed that a reasonable basis exists for projecting an item of revenue or expenditure, that basis was used in predicting amounts for future periods. In some instances, the reasonable basis is simply an inflationary factor. This is usually the case when it is certain that the item will increase and past history either does not exist or is uneven. However, where it is believed that either no reasonable basis exists or an item of revenue or expenditure is extremely volatile, the amount projected for the current year was carried forward to future periods. This is the case with impact fees received from the University. With this in mind, the following assumptions were used in the calculations of significant items of revenue and expenditure:

Revenues

Real Estate Taxes – Based on the assumption that the real estate tax base will continue to increase. Future period revenues are calculated using the Township's current 3.9 mils and projected assessed value. Projected assessed values were calculated using a 5 year average increase in assessed value.

Real Estate Transfer Tax – Based on the assumption that revenues will approximate the average received over the last 5 years. Projected assessed values were multiplied by this average to determine the revenues from property transfers.

Earned Income Tax – Based on the assumption that earned income within College Township will increase. The increase is based on the 5 year average increase of earned income. The annual audit report's footnotes provide the earned income data for this calculation.

Expenditures

Wages and Benefits – Wages shown are net of those included in the capital improvement program. An annual increase of 3.5% was used in the calculation of projected wages. Benefits are assumed to approximate the same percentage of wages from year to year.

Police Services – Based on our 1) current hours and 2) hourly rate increase each year by 8.5%. The increase represents the average increase over the past 5 years.

Summary of Planned Capital Projects by Major Category

This document provides an overview of the planned capital improvements and is intended to provide the reviewer with a snapshot of the categories requiring the most capital.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Summary By Major Categories**

MAJOR CATEGORY	2010	2011	2012	2013	2014	PROGRAM TOTAL	PAGE
Technology Plan	\$ 65,650	\$ 43,550	\$ 60,250	\$ 41,500	\$ 22,000	\$ 232,950	2
Regional Projects	256,207	295,640	336,818	377,926	378,338	1,644,929	6
Land Acquisition	390,000	-	-	-	-	390,000	9
Public Works Projects							
<i>Vehicles and Equipment</i>	148,700	107,800	128,650	134,900	99,200	619,250	11-12
<i>Road Maintenance / Projects</i>	796,239	335,677	397,185	178,021	193,864	1,900,986	15-16
<i>Street Takeover/Construction</i>	235,000	110,000	-	100,000	300,000	745,000	21
<i>Traffic Signals and Road Signs</i>	244,000	83,000	151,000	56,000	56,000	590,000	24
<i>Buildings and Grounds</i>	45,465	52,500	-	-	-	97,965	27
<i>Stormwater and Other Infrastructure</i>	266,200	55,000	250,000	10,000	70,000	651,200	29
Parks and Recreation							
<i>Local Parks</i>	21,700	30,450	9,500	35,500	-	97,150	33-34
<i>Regional Parks</i>	22,900	101,000	35,500	5,250	-	164,650	35-36
<i>Bikeways and Other</i>	10,000	25,000	-	-	-	35,000	37
ANNUAL TOTALS	\$ 2,502,061	\$ 1,239,617	\$ 1,368,903	\$ 939,097	\$ 1,119,402	\$ 7,169,080	

Detailed Listing of Projects by Major Category

This section provides the specific projects planned, including the amount needed to fund the project as well as a brief narrative of that project

**CAPITAL IMPROVEMENT PROGRAM
2010-2014
Technology Plan**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
PC Upgrade Plan	6,000	6,300	9,000	6,750	7,000	35,050
Digital Copier	5,000	5,000	5,000	5,000	5,000	25,000
Energy Management Plan	-	7,500	10,000	10,000	10,000	37,500
Replacement Zoning Software *	26,250	11,250	11,250	11,250	-	60,000
Phone System Upgrades	-	1,500	-	8,500	-	10,000
Document Management System	-	-	25,000	-	-	25,000
Replace two portable radios	5,200	-	-	-	-	5,200
Speed Sentry - Radar Speed Sign	5,800	-	-	-	-	5,800
Engineering Software Upgrade	2,400	-	-	-	-	2,400
Server Upgrade	-	10,000	-	-	-	10,000
Replace Network Printers	-	2,000	-	-	-	2,000
Regional Backup Solution	15,000	-	-	-	-	15,000
ANNUAL TOTALS	\$ 65,650	\$ 43,550	\$ 60,250	\$ 41,500	\$ 22,000	\$ 232,950

* On-going software license: may be more appropriate to include 2011 + costs in budget only.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

TECHNOLOGY PLAN

PC Upgrade Plan - \$35,050

Continuation of PC rotation and replacement of 4-5 units per year.

Digital Copier - \$25,000

Copier leased in 2009. 5 year operating lease.

Energy Management Plan - \$37,500

EMP will identify opportunities to maximize progress towards reducing energy consumption and costs while increasing energy efficiency and diversity, and decreasing the release of energy-related pollutants into the local and global environment. The plan will examine current Township efforts pertaining to energy use and seek ways to integrate them for increased effectiveness, while also evaluating opportunities to use cleaner energy sources, technologies and management practices. First year program costs anticipated to establish existing baseline energy use and identify potential improvements and upgrades. Balance of program costs expected to fund various initiatives.

Replacement Zoning Software - \$60,000

4 Regional partners, Centre Region Code, College Township, Patton Township and Ferguson Township are pursuing zoning/code software from CitizenServe, an Arizona-based company. The software will be hosted by CitizenServe and partners will access and update information via the internet. Year one cost of software is based on CT's share, \$15,000 for installation + \$11,250 for 1st year subscription, for a total of \$26,250. Thereafter, CT's annual subscription cost will be \$11,250 per year. The zoning/code software selection committee is nearing completion of its evaluation of the product and will soon be recommending this solution to the respective elected officials.

Phone System Upgrades - \$10,000

Existing system program changes to send in-coming Township calls directly to employee voicemail and enable employees to check voicemail from offsite. Estimated cost of \$1,500. Also, pursue phone system upgrades to support VOIP (voice over internet protocol) capabilities. Estimated cost of \$8,500.

2010–2014 CAPITAL IMPROVEMENT PROGRAM

TECHNOLOGY PLAN

Electronic Document Management System (EDMS) - \$25,000

The establishment of an electronic document management system (EDMS) capable of keeping pace with current and future technologies is imperative in order to provide a comprehensive manner of accessing, manipulating, and managing the increasing magnitude of both scanned hardcopy and electronic documents, plans, permits, bids, agreements, minutes, communications, ordinances and resolutions. Beyond the time- and cost-saving factors in retrieving such information lie the benefit of the need for significantly reduced storage space and the ability to turn those electronic files, as appropriate, into uploadable records for public usage. We believe we have adequate scanning hardware in place.

Portable Radios – \$5,200

Replace two portable radios used by the public works department while operating equipment that does not have a mobile radio such as the grader and berm mowing tractor. The portables are also used for traffic control within active work zones when necessary.

Speed Sentry – Radar Speed Sign - \$5,800

This second unit will be used along with the first unit purchased in 2007 to gather data such as vehicle speed and traffic counts in both directions simultaneously on various sections of streets within the Township. The units will also be used separately throughout the Township when multiple requests are received.

Engineering Software Upgrade – \$2,400

Existing version of ArcView 3.4 to be upgraded to most currently available version (3.9 or higher) to enable engineering and planning staff to better manipulate accruing CT GIS database. This item also includes upgrading Vectorworks, the AutoCADD program. In 2009, engineering intern mapped all street sign in Township. Since 2008, both stormwater infrastructure and street signs have been mapped using GIS.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

TECHNOLOGY PLAN

Server Upgrade - \$10,000

IT Services recommends replacement of the Dell PowerEdge 1400 server which will be 8 years old in 2010.

Replace Network Printers – \$2,000

IT Services recommends the replacement of 2 network HP printers that were purchased in 1999. Both printers are currently in good working condition and will be replaced only if necessary.

Regional Backup Solution - \$15,000

As a result of the need for offsite storage of the network backups and because of new and more reliable technology, IT Services recommends the installation of 2 offsite units dedicated to storage of backup files. The project is expected to cost \$75,000 and will be funded equally by CATA, Centre Region COG and the townships of College, Patton and Ferguson. Backups will run at night and be written to hard drives instead of tapes.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Regional Projects**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
COG Regional Parkland - COG Sanctioned	75,292	75,292	207,500	249,000	249,000	856,084
- to Capital Reserve Fund	49,208	90,708	-	-	-	139,916
	124,500	166,000	207,500	249,000	249,000	996,000
COG Pools Capital	106,707	104,640	104,318	103,926	104,338	523,929
Workforce Housing (Capital Reserve Fund)	25,000	25,000	25,000	25,000	25,000	125,000
ANNUAL TOTALS	256,207	295,640	336,818	377,926	378,338	1,644,929

2010-2014 CAPITAL IMPROVEMENT PROGRAM

REGIONAL PROJECTS

COG Regional Parkland – \$996,000

In an effort to provide more active recreation facilities for residents of the Centre Region, the COG Ad Hoc Regional Park Committee was established to focus on sites, policies, articles of agreement, and cooperative funding options for development of sites selected. Currently, parklands at Oak Hall (College and Harris Townships) and off Whitehall Road (Ferguson Township) have been acquired and are in need of development. COG has also established a Regional Parks Capital Fund to accumulated resources to be used for development and the Committee is charged with recommending a funding mechanism.

Despite participating COG municipalities' agreement on a regional contribution identical to the 2009 figure, in 2010, the Township recognizes that additional contributions over and above 2010 levels will be required to fund park development. Additional annual funding of \$49,208 in 2010 and \$90,708 in 2011 is proposed to be transferred to Capital Reserve Fund for anticipated use in regional park acquisition and development.

COG Pool Financing – \$523,929

COG's Pool Capital fund was established to fund renovations, improvements, and major repair projects for the two municipal pools, Park Forest and William L Welch, operated by the Centre Regional Recreation Authority. On May 1, 2008, the Authority issued lease rental debt in the amount of \$7.9 million to fund improvements to these pools. As a participating municipality, College Township's share of the debt is \$1,377,760 or 17.44%. The debt is to be serviced over 20 years and bears an interest rate of 3.95%. Based on the information contained in the Participation Agreement, the township's expected outlay for debt service (principal and interest) for the next 5 years is as follows: 2010 - \$106,707, 2011 - 104,640, 2012 - \$104,318, 2013 - 103,926, 2014 - 104,338. The actual debt service should be less than these projections because the proceeds were not drawn down in their entirety at closing but will be drawn down as needed to fund construction costs through 12/1/2010.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

REGIONAL PROJECTS

Workforce Housing - \$125,000

\$100,000 was placed in a capital reserve fund in 2009 and an additional \$25,000 for each of the next 5 years will be deposited to the capital reserve fund as the township's contribution to fund the workforce housing by Centre Region municipalities (excluding the Borough of State College and Halfmoon Twp). The program provides for the preservation of the existing stock of workforce housing or new construction of workforce units.

**CAPITAL IMPROVEMENT PROGRAM
2010-2014
Land Acquisition**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Official Map-related Land Acquisitions						
- West Branch Road	300,000	-	-	-	-	300,000
- 1121 Oak Ridge	90,000	-	-	-	-	90,000
ANNUAL TOTALS						
	\$ 390,000	\$ -	\$ -	\$ -	\$ -	\$ 390,000

2010-2014 CAPITAL IMPROVEMENT PROGRAM

LAND ACQUISITION

Official Map-related Land Acquisitions - \$390,000

Projects anticipated are related to the Township's adopted Official Map and may include, but are not limited to property/right-of-way acquisition, roadway construction, engineering, surveying, legal associated with roadway construction, signal construction including engineering, surveying and legal costs thereof, and/or direct monetary participation in any of the above mentioned activities, alone or in partnership with one or more parties associated with said work. Projects may be either transportation or recreation oriented.

- 1) West Branch Road: A total of \$300,000 is anticipated to be needed to acquire road right-of-way, complete entrance improvements, and fund review fees based on proposed Township agreement with developers of former South Ridge Motel. *The 2009 GO Note provides estimated funding of \$300,000.*

- 2) 1121 Oak Ridge Avenue: A total of \$90,000 is anticipated to acquire the property and subdivide the 20-foot easement required to provide access to Thompson Woods Preserve. Costs include necessary legal proceedings. *The 2009 GO Note provides estimated funding for this acquisition.*

CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Vehicles and Equipment

YEAR ACQUIRED AND DESCRIPTION		2010	2011	2012	2013	2014	TOTALS	Fund
Maintenance Vehicles:								
1998	1998 INTER. DUMP 10 TON TRUCK #2	-	-	-	110,000	-	110,000	Road Machinery
2005	2005 FORD F350 PICKUP TRUCK #40	-	-	35,000	-	-	35,000	Road Machinery
2004	2004 FORD F250 PICKUP TRUCK #38	-	-	22,000	-	-	22,000	Road Machinery
	NEW ACQUISITION - TANDEM AXLE DUMP TRUCK	130,000	-	-	-	-	130,000	Road Machinery
2006	2006 FORD F-550 T-TAG TRUCK #41	-	-	-	-	57,000	57,000	Road Machinery
Office and Staff Vehicles:								
2001	2001 DODGE DAKOTA #16	-	25,000	-	-	-	25,000	General
2002	2002 DODGE DAKOTA TRUCK #32	-	-	25,000	-	-	25,000	General
2003	2003 CHEVROLET IMPALA #36	-	-	-	20,000	-	20,000	General
Off Road Equipment:								
1976	1976 10' UTILITY TRAILER	-	2,800	-	-	-	2,800	Road Machinery
2000	2000 BOMAG 90 ROLLER	-	-	25,000	-	-	25,000	Road Machinery
1999	1999 NEW HOLLAND TRACTOR	-	35,000	-	-	-	35,000	Road Machinery
Seasonal Equipment:								
2001	2001 FLINK 10' SNOW PLOW #2, #33, #42	-	18,000	-	-	-	18,000	Road Machinery
1967	1967 POST DRIVER	-	-	1,500	-	-	1,500	Road Machinery
1997	1997 HYDRAULIC TRUCK CONVEYOR	-	-	5,200	-	-	5,200	Road Machinery
2004	2004 SNOW PLOW FISHER 8' #40	-	-	3,200	-	-	3,200	Road Machinery
2005	2005 SNOW PLOW FISHER 8' #38	-	-	4,000	-	-	4,000	Road Machinery
2005	2005 SNOW PLOW FISHER 9' #57	-	-	-	4,000	-	4,000	Road Machinery
1989	1989 ASPHALT KETTLE	-	-	-	-	1,500	1,500	Road Machinery
2006	2006 SALT SPREADER FLINK #41	-	-	-	-	4,000	4,000	Road Machinery
2006	2006 SNOW PLOW FISHER #41	-	-	-	-	4,000	4,000	Road Machinery
Tools & Attachments:								
1984	1984 SPEEDAIR 5HP AIR COMPRESSOR	4,000	-	-	-	-	4,000	Road Machinery
1995	1995 PRESSURE WASHER	1,200	-	-	-	-	1,200	Road Machinery
1996	1996 LEAF BOX #1	-	2,500	-	-	-	2,500	Road Machinery
1996	1996 POLE SAW	-	1,800	-	-	-	1,800	Road Machinery
1991	1991 WACKER GENERATOR	-	1,200	-	-	-	1,200	Road Machinery
1987	1987 CONCRETE SAW - WALK BEHIND	-	-	2,000	-	-	2,000	Road Machinery
1987	1987 WACKER JUMPING JACK	-	-	3,300	-	-	3,300	Road Machinery
1997	1997 BUSH HDG MOWER	-	-	2,000	-	-	2,000	Road Machinery
2007	2007 ALAMO FLAIL MOWER	-	21,000	-	-	-	21,000	Road Machinery
1994	1994 AIR COMPRESSOR TRAILER MOUNTED	-	-	-	-	10,000	10,000	Road Machinery
1994	1994 CONCRETE VIBRATOR	-	-	-	-	450	450	Road Machinery
1999	1999 90# AIR HAMMER	-	-	-	-	950	950	Road Machinery
2006	2006 TRUCK TARP #33	-	-	-	-	2,000	2,000	Road Machinery

CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Vehicles and Equipment

YEAR ACQUIRED AND DESCRIPTION	2010	2011	2012	2013	2014	TOTALS	Fund
Lawn & Ground Tools:							
2000 2000 HONDA SELF PROPELLED MOWER	500	-	-	-	-	500	Road Machinery
1996 1996 PUSH MOWER CRAFTSMAN	-	500	-	-	-	500	Road Machinery
2004 2004 SNAPPER MOWER	-	-	450	-	-	450	Road Machinery
1993 1993 STIHL WEED EATER	-	-	-	550	-	550	Road Machinery
2003 2003 STIHL FS250 WEED EATER	-	-	-	350	-	350	Road Machinery
2003 2003 KUBOTA LAWN TRACTOR	13,000	-	-	-	-	13,000	Road Machinery
1989 1989 STIHL CHAINSAW 009L 14"	-	-	-	-	450	450	Road Machinery
1994 1994 STIHL CHAINSAW 038 20"	-	-	-	-	450	450	Road Machinery
2004 2004 STIHL WEED TRIMMER FS110	-	-	-	-	400	400	Road Machinery
2006 2006 ECHO LEAF BLOWER PB75IT	-	-	-	-	500	500	Road Machinery
2006 2006 VENTRAL LAWN TRACTOR	-	-	-	-	17,000	17,000	Road Machinery
1994 1994 TRASH PUMP	-	-	-	-	500	500	Road Machinery
ANNUAL TOTALS	\$ 148,700	\$ 107,800	\$ 128,650	\$ 134,900	\$ 99,200	\$ 619,250	

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – VEHICLES AND EQUIPMENT

2010

New Acquisitions – Tandem Axle Dump Truck - \$130,000

Ten ton dump trucks for heavy hauling. We currently have three single ten ton dump trucks for heavy hauling. One of the ten ton trucks is equipped with a conveyor spreader during the summer and exclusively used for hauling bituminous material during paving operations. The larger tandem axle dump truck would be used with the other 10 trucks for general hauling during project and maintenance work. With the increasing road system, the tandem axle truck would also be used for winter snow removal operations.

Replace 1984 Speedair 5 hp Air Compressor - \$4,000

The air compressor is used at the Public Works Facility for vehicle and equipment maintenance.

Replace 1995 pressure washer - \$1,200

The pressure washer is used for cleaning vehicles and equipment.

Replace 2003 Kubota Lawn Tractor and 2000 Honda Self-Propelled Mower - \$13,500

These mowers are used for mowing grass at the office building, public works facility, post office, parks, and along bike paths.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – VEHICLES AND EQUIPMENT

2011 - 2014

The replacement year for the vehicles and equipment listed are based on year purchased and its expected life. As the scheduled replacements move from the “Out” years to the Capital Budget year, explanatory narrative will be provided.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Road Maintenance and Projects**

DESCRIPTIONS	2010					2011	2012	2013	2014	TOTALS
	STATE FUND	GENERAL FUND		MAN DAYS	TOTAL COST					
		LABOR	MATERIAL							
Annual Road Maintenance:										
Pavement Painting (Contracted)	\$ 14,000	\$ -	\$ -	\$ -	\$ 14,000	14,000	14,000	14,000	14,000	\$ 70,000
Guiderail Vegetation Control (Con)	1,200	-	-	-	1,200	1,200	1,200	1,200	1,200	6,000
Gravel Road Dust Control	4,400	-	-	-	4,400	4,400	4,400	4,400	4,400	22,000
Treat Concrete Curb	-	960	2,200	6	3,160	3,476	3,824	4,206	4,627	19,293
Pavement Painting (In House)	-	5,760	1,259	36	7,019	7,721	8,493	9,342	10,276	42,851
Pavement Patching	-	11,520	6,210	72	17,730	19,503	21,453	23,598	25,958	108,242
Clean / Repair Inlets	-	6,400	1,500	40	7,900	8,690	9,559	10,515	11,567	48,231
Shoulder Grading	-	11,520	1,000	72	12,520	13,772	15,149	16,664	18,330	76,435
Crack Sealing	-	10,240	5,910	64	16,150	17,765	19,542	21,496	23,646	98,599
Sub-total	19,600	46,400	18,079	290	84,079	90,527	97,620	105,421	114,004	491,651
In-House Paving, Curb and Storm Drain Projects (General Fund):										
Project Labor						30,000	33,000	36,300	39,930	139,230
Project Materials						30,000	33,000	36,300	39,930	139,230
Contracted Projects:										
Microsurfacing	88,100	-	-	-	88,100	-	-	-	-	88,100
Hospital Drive	40,215	5,760	7,600	36	53,575	-	-	-	-	53,575
Shiloh Road	43,585	6,720	9,880	42	60,185	-	-	-	-	60,185
Henszey Street	44,510	800	1,280	5	46,590	-	-	-	-	46,590
Brush Valley Road	47,350	4,880	3,480	31	55,710	-	-	-	-	55,710
Old Mill Road	32,000	-	-	-	32,000	-	-	-	-	32,000
West Branch Road	376,000	-	-	-	376,000	-	-	-	-	376,000

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Road Maintenance and Projects**

DESCRIPTIONS	2010					2011	2012	2013	2014	TOTALS
	STATE FUND	GENERAL FUND		MAN DAYS	TOTAL COST					
		LABOR	MATERIAL							
Armau Village - Microsurface	-	-	-	-	-	30,000	-	-	-	30,000
(Includes Rainio St, Oakwood Dr, Norie St, Yardal Rd, Elizabeth St)										
Lemont - Microsurface	-	-	-	-	-	82,000	-	-	-	82,000
(Includes Wayne St, Thompson St, Henszey St, Mulberry Ln, Mary St, Mt. Nittany Rd, Dale St, Berry St, Matilda Ave, Nixon Dr, & section of First Ave)										
Clover Highlands - Microsurface	-	-	-	-	-	-	68,300	-	-	68,300
Gregor Way, Hawthorne Dr, Balmoral Way, Walker Dr, Aberdeen Ln, Balmoral Circle, Gregor Circle, Glengarry Ln, MacDuff Circle										
Trout Road	-	-	-	-	-	-	165,265	-	-	165,265
Brandywine Dr (Middle School Sect.)	-	-	-	-	-	73,150	-	-	-	73,150
ANNUAL TOTALS	\$691,360	\$ 64,560	\$ 40,319	\$ 404	\$ 796,239	\$ 335,677	\$ 397,185	\$ 178,021	\$ 193,864	\$ 1,900,986

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – ROAD MAINTENANCE AND PROJECTS

2010 Annual Road Maintenance

Pavement Painting (Contracted)

Re-paint center and edge lines on various roads and paint directional arrows; stop bars; crosswalks and lane lines at traffic signal intersections.

Guiderail Vegetation Control

Contract to spray vegetation at guiderails to control growth and reduce the need for trimming at Orchard Road, Villandry Blvd, Brush Valley Road, Limerock Terrace, Summit Road, Trout Road, Shiloh Road, and Houserville Road.

Gravel Road Dust Control

Treat gravel roads with an application of Pennzoil dust suppressant. Berry Alley, Henszey Street, and Mulberry Alley from Mary Street to Mt. Nittany Road, Harris Alley, and East and West Mt. Nittany Road.

Treat Concrete Curb

Treat concrete curb with a mixture of linseed oil and mineral spirits to prevent spalling

Pavement Painting (In House)

Re-paint parking lots at the Township building and post office, bike path road crossing and symbols, directional arrows, cross walks, lane lines, gore areas, and speed enforcement bars on various roads.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – ROAD MAINTENANCE AND PROJECTS

Pavement Patching

Pavement repairs at various locations.

Clean and Repair Storm Drain Inlet Boxes

Clean inlet boxes with the Vac All truck. Repair or rebuild boxes and tops if necessary.

Shoulder Grading

Grade shoulders and clean drainage ditches along various roads. Regrade gravel roads and alleys.

Crack Sealing

Seal cracks in pavement with a rubber base material on various roads.

2010 Contracted Projects

Microsurfacing

Houserville: Fairlawn Avenue (from Oak Lane to Scholl Street, Oak Lane, Willow Circle, Willow Avenue, Hickory Lane, Scholl Street, Spring Lea Drive, Bottorf Drive, Meadow Lane, Spring Street, and Mill Street.

Nittany Orchards – Jonathan Street, Baldwin Street, Whitehill Street, Warrick Street, Apple Court, and Peach Court.

2010–2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – ROAD MAINTENANCE AND PROJECTS

These roads are generally in good condition, but have some fatigue cracking and weathering of the pavement. A paving overlay is not needed at this time. We would piggyback on the Ferguson Township contract for seal coating these roads with emulsified asphalt.

Hospital Drive

Pavement base repairs, replace two traffic signal sensor loops, paving overlay and re-paint long line, directional arrows and stop bars.

Shiloh Road

Pavement base repairs, replace 6 storm drain inlet tops, paving overlay and re-paint long lines and directional arrows.

Henszey Street (Mary Street to Mt. Nittany Road)

In 2008 concrete curbing was constructed on the lower side of Henszey to channel storm water to a new storm drain inlet placed at the low point of the street. The storm drain pipe was connected to the existing storm drain system at Elizabeth Alley. Proposed for 2010 is to construct an 18' wide paved cartway the entire length of the street. Includes 2A stone sub base, 5" of bituminous base course and 1 ½" of bituminous wearing course.

Brush Valley Road (2250 LF from Harris Township Line)

Pavement base repairs, grade shoulders and ditches, paving overlay and re-construct stone shoulders.

2010–2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – ROAD MAINTENANCE AND PROJECTS

Old Mill Road and West Branch Road

Old Mill Road in Houserville and West Branch Road from South Atherton Street to Woodside Drive are now owned by College Township through the PennDot Highway Transfer Program. Total turnback road mileage is 1.022 miles. To bring the roads into an acceptable condition, *PennDot has agreed to pay the Township \$376,000 for West Branch Road, and \$32,000 for Old Mill Road.* We will use these funds in 2010 to make improvements to the roads, including widening West Branch Road cartway with utility pole relocation, new storm drain pipes and inlet boxes, cleaning outlet ditches, pavement base repairs, paving overlay, construct stone shoulders, and line painting. In addition to the onetime payment by PennDot for improvements, the PennDot Highway Transfer Program includes \$4,000 per year per mile liquid fuels funds paid to the Township each year for turn back roads. With a total mileage of these two roads at 1.022 miles, College Township will receive approximately \$4,088 in additional Liquid Fuels funds per year.

2010–2014 Road Projects

Similar maintenance will be performed on future road projects. As the projects move from the “Out “ years to the Capital Budget year, more extensive narrative will be provided.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Street Takeover/Construction**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Margaret Circle						
<i>Engineering</i>	8,000	-	-	-	-	8,000
<i>Legal and Right-of-Way</i>	15,000	-	-	-	-	15,000
<i>Construction</i>	-	110,000	-	-	-	110,000
Manor Drive/Mountain View Avenue						
<i>Engineering</i>	8,000	-	-	-	-	8,000
<i>Legal and Right-of-Way</i>	91,000	-	-	-	-	91,000
<i>Construction</i>	113,000	-	-	-	-	113,000
Oak Hall/ Linden Hall/Brush Valley Roundabout	-	-	-	100,000	300,000	400,000
ANNUAL TOTALS	\$ 235,000	\$ 110,000	\$ -	\$ 100,000	\$ 300,000	\$ 745,000

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS - STREET TAKEOVER/CONSTRUCTION

In 2003 College Township investigated two streets in the context of the Township's approved policy for private street takeover. The policy provides a mechanism by which private streets are to be upgraded to Township standards and turned-over to the Township for future maintenance. The policy dictates private owner participation, of varying degrees based on circumstances, in the costs of making said upgrades. Prior to proceeding with final design engineering and right-of-way acquisition, staff will develop and suggest a policy revision for Council's consideration that would place a cap on the assessment to the private property owners based upon a formula related to property value. The project estimates below are represented as total project costs and DO NOT back-out any costs that might be borne by private owners.

Margaret Circle

This project consists of construction of approximately 200' of Margaret Road and 500' of Margaret Circle to a 40' radius cul-de-sac. Design work discontinued during 2007, and is now programmed to be completed by 2010. Necessary right-of-way and legal work will also occur during 2010, with construction to commence in 2011. Engineering for 2010 will be \$8,000, with legal and right-of-way estimated at \$15,000. The construction estimate is \$110,000. *The 2009 GO Note provides estimated funding of \$119,000.*

Manor Drive and Mountain View Avenue

This project consists of construction of a connector road to Ivy Hill Road in the Stearns Crossing subdivision. Final design engineering, right-of-way acquisition, and construction are programmed for 2010. Road to be constructed is approximately 450 linear feet of new road through the Antioch Church property. Project costs include acquisition of 0.86 acres of land from the Antioch Church, easement and legal costs, excavation/grading, sub-base, paving, curb work, stormwater, restoration, design and construction inspection with engineering anticipated to be \$8,000, legal and right-of-way to be \$91,000, and construction estimated at \$113,000. *The 2009 GO Note provides estimated funding of \$191,000.*

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS - STREET TAKEOVER/CONSTRUCTION

Oak Hall/Linden Hall/Brush Valley Road Roundabout

Project to modify existing intersection using construction of vehicular roundabout to promote safety and traffic flow. Existing intersection modifications important as new Oak Hall Regional Park is developed and utilized by Centre Region residents.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Traffic Signals and Road Signs**

DESCRIPTIONS	2010	2011	2012	2013	2014	TOTALS
Traffic Signals						
Existing:						
#17 -- Park Ave / Hospital Dr	20,000	-	-	-	-	20,000
#13 -- Benner Pike SR0150 / Shiloh Road	10,000	-	-	-	-	10,000
#22 -- E College Ave / Nittany Commons	-	6,000	-	-	-	6,000
Combined 04,05,06, E. Coll/Squirrel	33,000	-	-	-	-	33,000
#04 -- E College Ave / Elmwood / Millbrook Way	-	10,000	-	-	-	10,000
#05 -- E College Ave / Ramp E&F						
#06 -- E College Ave / Ramp G&H						
E. College Ave / Squirrel Dr.						
#19 -- E College Ave / Porter Rd	-	6,000	-	-	-	6,000
New:						
E. College Ave/Squirrel Dr	180,000	-	-	-	-	180,000
Future:						
Shiloh Road SR 3041/Trout Road	-	20,000	150,000	-	-	170,000
Sub-total	243,000	42,000	150,000	-	-	435,000
Road Signs	-	40,000	-	55,000	55,000	150,000
Township Entry Signs	1,000	1,000	1,000	1,000	1,000	5,000
ANNUAL TOTALS	\$ 244,000	\$ 83,000	\$ 151,000	\$ 56,000	\$ 56,000	\$ 590,000

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – TRAFFIC SIGNALS AND ROAD SIGNS

The following projects upgrade existing signals:

Park Avenue / Hospital Drive - \$20,000

Replace the pole mounted signal cabinet with a pad mounted cabinet, including all load switches, loop detector amplifiers, and conflict monitor. The existing controller at this signal will be installed in the new cabinet. Install a battery backup power supply system for the intersection. The expected life cycle of a signal is 10 years before experiencing major electronic and wiring failures. The original installation of this cabinet was 1994.

Benner Pike SR0150 / Shiloh Road - \$10,000

Install a battery backup power supply system in the existing signal cabinet.

#4, #5, #6, #19, and Squirrel Drive - \$33,000

Installation of a spread spectrum radio system at these intersections to provide timing co-ordination. Current co-ordination is time-based using controller clocks which require periodic synchronization of clocks at each intersection. Includes installation of a master controller for the system.

This project is a new signal location:

East College Avenue/Squirrel Drive - \$180,000

Estimated costs for the proposed new traffic signal installation. The estimated total cost for these signals is \$200,000 which includes design and construction. In agreement reached with HFL, Developer of Country Inn & Suites, College Township agrees to pay up to \$150,000 toward estimated signal cost of \$355,000. Township also agreed to pay 50% of any signal cost construction cost overruns, with HFL paying 50% of overrun costs. *The 2009 GO Note provides estimated funding of \$170,000.*

This project is a future new signal location:

Shiloh Road (SR 3041) and Trout Road - \$170,000

Estimated costs for the proposed new traffic signal installation. The estimated total cost for these signals is \$20,000 for design and \$150,000 for construction.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – TRAFFIC SIGNALS AND ROAD SIGNS

The following is a list of payments from developers towards the cost of installing the signal at Shiloh and Trout:

Stearns Crossing	\$7,000	(received)
Patt	\$15,000	(received)
Wal-mart	\$5,000	(received)
Patt (Summit at Shiloh)	\$15,375	(received)
Skyward Investments	<u>\$18,000</u>	(received)
	\$60,375	

Road Signs - \$150,000

The Federal Highway Administration has established the following new requirements for signs:

By January 2012, all street name signs must have 6-inch high lettering and meet minimum levels of retro-reflectivity.

By January 2015, all regulatory, warning, and ground mounted guide signs must meet minimum retro-reflectivity levels established by the Federal Manual on Uniform Traffic Control Devices and PennDot Publication 212.

By January 2018, all overhead guide signs and street names must meet the minimum retro-reflectivity standards.

It is proposed to change out street name signs in 2011. Change out regulatory, warning, and ground mounted guide signs during 2013 and 2014 for this CIP. The change out of overhead guide signs and street name signs would be included in a future CIP.

A survey and inventory of all signs was completed during 2009 by the engineering department intern. There are 260 intersections for street name signs and there are 1,300 post mounted regulatory and warning signs.

Township Entry Signs - \$5,000

Annual budget for enhancing municipal boundary signs to more esthetically demark entries to College Township.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Buildings and Grounds**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Municipal Sign Landscaping	3,000	2,000	-	-	-	5,000
Contingency for Backup Power Generation	25,000	-	-	-	-	25,000
Re-pave parking lot and Millbrook Way	17,465	-	-	-	-	17,465
Municipal Building - Window Replacement	-	42,500	-	-	-	42,500
Post Office - Exterior Painting	-	8,000	-	-	-	8,000
ANNUAL TOTALS	45,465	52,500	-	-	-	97,965

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS – BUILDINGS AND GROUNDS

Municipal Sign Landscaping - \$5,000

Project consists of implementing scaled-back, phased landscaping plan around stone municipal building sign. Original design estimated landscaping cost at more than \$17,000. The first phase of the landscaping was completed in 2009.

Contingency for Backup Power Generation - \$25,000

Potential need for modified or added backup power operation in conjunction w/occupancy of Alpha Fire substation.

Re-Pave Parking Lot and Millbrook Way - \$17,465

Re-pave these areas using Contract Cost of \$13,505, in-house labor of \$1,760 and in-house material of \$2,200, with 11 Man days.

Municipal Building – Window Replacement - \$42,500

Replace 32 windows on the first floor and 36 windows on the second floor with energy-efficient low-e glass windows. Includes removal and installation of new windows. Interior trim painting would be in-house. *The 2009 GO Note provides estimated funding of \$30,000.*

Post Office Repainting - \$8,000

The exterior paint condition at the Lemont Post Office is evaluated each year. It is proposed that the exterior wood siding will need repainting in 2011. HP Architects performed a Repainting and Re-roofing Color Study in 2009 in cooperation with the Lemont Village Association. The LVA selected Patriot Red as the color of the new shingles installed this year and HP Architect's Plate 4-1 from the study for the future exterior siding, trim and window sash colors.

CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Public Works - Stormwater Control and Other Infrastructure

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Stormwater Control:						
Thompson Run / Walnut Run	-	-	-	-	60,000	60,000
Oak Hall	-	15,000	200,000	-	-	215,000
Minor Remedial Projects	5,000	5,000	5,000	5,000	5,000	25,000
TMDL Projects	5,000	5,000	5,000	5,000	5,000	25,000
Traffic Calming Projects:						
Pike Street	-	30,000	30,000	-	-	60,000
Bridges:						
Trout Road Bridge	250,000	-	-	-	-	250,000
Brush Valley Road	6,200	-	10,000	-	-	16,200
ANNUAL TOTALS	\$ 266,200	\$ 55,000	\$ 250,000	\$ 10,000	\$ 70,000	\$ 651,200

2010-2014 CAPITAL IMPROVEMENT PROGRAM

STORMWATER CONTROL AND OTHER INFRASTRUCTURE

INTRODUCTION

All of the cost estimates listed for the stormwater management projects are rough estimates, including design and construction costs. For actual budget purposes, some design costs may occur in the year prior to construction.

STORMWATER CONTROL

Thompson Run/Walnut Run - \$60,000

Improvements to headwall at pipe in Thompson run and/or channel lining improvements to Thompson and Walnut Runs. Culvert pipes in Walnut Run were removed in 2002. This may be replaced with a footbridge.

Oak Hall - \$215,000

Stormwater management improvements are needed to address periodic flooding across a portion of the Tressler Farm and the Humphreys Farm in Oak Hall, plus piping and inlets along Boalsburg Road. Conceptual design work was completed during 2007, which showed options for detention improvements on the Centre Hills Country Club property and on the Tressler and Humphreys Farms. College Township will be seeking financial participation and grants from S&A Homes and PennDot. Final design began during 2008, now showing options for expanding the golf course detention pond and/or constructing a new detention pond within the SR322 right-of-way. Design and right-of-way during 2011 and construction during 2012. \$200,000 is allowed for construction

2010-2014 CAPITAL IMPROVEMENT PROGRAM

STORMWATER CONTROL AND OTHER INFRASTRUCTURE

Minor Remedial Projects - \$25,000

\$5,000 annual allowance for minor projects that can be remediated quickly.

TMDL Projects - \$25,000

University Area Joint Authority has briefed COG General Forum on future DEP regulation of Total Maximum Daily Loading (TMDL) for Spring Creek. Excessive TMDL will create, at a minimum, the need for an "expensive" UAJA facility upgrade and, at a maximum, a sewer connection moratorium.

Remedial environmental actions can be taken to reduce the likelihood of excessive TMDL in Spring Creek and include establishment of riparian buffers, erosion and bank stabilization, and sediment and silt controls.

It is anticipated that these measures will be of an ongoing nature and the CIP provides \$5,000 per year or be placed in Capital Reserve Fund to implement environmental actions and controls to address TMDL sources in College Township.

2010-2014 CAPITAL IMPROVEMENT PROGRAM

TRAFFIC CALMING

Pike Street - \$60,000

Two phases of a potential traffic calming project within the Village District along Pike Street. It is anticipated that grant money may be available to offset the costs of this project.

BRIDGES

Trout Road Bridge - \$250,000 - (Construction)

The Trout Road timber bridge was constructed in 1987. A sag in the bridge deck became very noticeable around 1999 - 2000 with cracking of the pavement at the bridge seats. Wheeler Consolidated, Inc., the manufacturer of the bridge, was contracted in 2001 to perform an inspection and re-stress the bridge deck, which was loose due to the timber drying and shrinking over the years. HRI, Inc. then re-paved the deck. Although still structurally sound, at this time the timber deck continues to show signs of additional sagging. The new superstructure will be steel beams with a concrete deck utilizing the existing concrete abutments. Design work has been completed and all necessary permits secured. Bidding for the deck replacement will be in the fall of 2009, with construction to take place in the spring of 2010. *The 2009 GO Note provides estimated funding of \$300,000.*

Brush Valley Road Bridge - \$16,200

\$10,000 seed money to investigate the possibility of replacing this with a two-lane bridge. \$6,200 for actual mitigation work based on updated inspection report.

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Parks and Recreation - Local Parks**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Mt. Nittany Terrace Park						
Shade Trees	-	500	500	-	-	1,000
Add Playground Equipment	4,400	-	-	-	-	4,400
Park Benches	-	-	-	1,000	-	1,000
Crushed Gravel Access Paths	-	-	800	-	-	800
Landscape Around Shelter	-	300	-	-	-	300
Mountainside Park						
Refurbish Trails (Service Project)	500	-	-	-	-	500
Penn Hills Park						
Add/Replace/Refurbish Playground Equipment	1,000	3,000	-	-	-	4,000
Basketball Court	-	-	-	7,500	-	7,500
Stoney Batter Open Space						
Harris Acres Park						
Oak Grove Park						
Vegetation Control	500	-	500	-	-	1,000
Extend Villandry Blvd Bike Path (720 LF)*	-	-	-	25,000	-	25,000
Thompson Woods Parklet						
Site Preparation and Playground Equipment	-	5,000	5,200	-	-	10,200
Benches, Picnic Table	800	-	-	-	-	800
Cairn Crossing (Barnbridge) Parklet						
Shamrock Park						
Develop Trails and Amenities per Site Plan Totaling \$43,367	5,000	-	-	-	-	5,000
Fieldstone						
Gravel Path Lot 61-62	-	300	-	-	-	300
Playground Equipment*	-	10,600	-	-	-	10,600
Park Benches	-	750	-	-	-	750
Pavilion (4-Table)	-	8,000	-	-	-	8,000
Grill, Garbage Cans	-	-	500	-	-	500

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Parks and Recreation - Local Parks**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Spring Creek Estates						
Develop Trails and Amenities per Site Plan Totaling \$83,326	2,000	2,000	2,000	2,000	-	8,000
Kissinger Open Space						
2010 funds anticipated to be used to replace aging split-rail fencing along length of boundary with E. College Avenue.	7,500	-	-	-	-	7,500
Sfab Cabin Overlook						
ANNUAL TOTALS	\$ 21,700	\$ 30,450	\$ 9,500	\$ 35,500	\$ -	\$ 97,150

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Parks and Recreation - Regional Parks**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Spring Creek Park						
Replace Scout Bridge (Service Project)	-	20,000	-	-	-	20,000
Flower Gardens (Service Project)	-	-	-	1,250	-	1,250
Repair/Move/Replace Park Benches	2,000	2,000	-	-	-	4,000
Replace Play or Fitness Equipment	-	5,000	-	-	-	5,000
Add Merry-Go-Round	-	-	-	4,000	-	4,000
Slab Cabin Park						
Refurbish/Replace Playground Equipment	2,000	-	-	-	-	2,000
Refurbish Picnic Pavilion	-	1,000	-	-	-	1,000
Replace Picnic Table*	500	-	-	-	-	500
Nittany Orchard Park						
Refurbish/Add Playground Equipment	3,100	-	-	-	-	3,100
Dalevue Park						
Inspect & Refurbish Playground Equipment	1,000	-	-	-	-	1,000
Inspect & Refurbish Picnic Pavilion/Replace Pavilion	10,000	-	-	-	-	10,000
Inspect Fitness Equipment, Repair/Replace parts as Required	-	500	-	-	-	500
Refurbish/Replace Playground Equipment	3,000	-	3,000	-	-	6,000
Thompson Woods Preserve						
Wood Chip Path to Oakridge Avenue	300	-	-	-	-	300
Parking Area Enhancements	1,000	5,000	5,000	-	-	11,000
Fogelman Fields						
Pave Paths*	-	7,500	7,500	-	-	15,000
Fogelman Fields Annex (Fogelman Overlook)						
Paved parking lot	-	60,000	-	-	-	60,000
Landscape and Site Amenities	-	-	20,000	-	-	20,000

**CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Parks and Recreation - Regional Parks**

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Oak Hall Overlook - See Regional Projects Narrative						
Signs/Gravel Access Roads and Parking Lots	-	-	-	-	-	-
Grade and Seed General Purpose Playing Fields	-	-	-	-	-	-
Amphitheater Stage	-	-	-	-	-	-
Pavilions (2) (17x20)	-	-	-	-	-	-
Playground Equipment	-	-	-	-	-	-
Backstops/Player Benches for Ball Fields	-	-	-	-	-	-
ANNUAL TOTALS	\$ 22,900	\$ 101,000	\$ 35,500	\$ 5,250	\$ -	\$ 164,650

CAPITAL IMPROVEMENT PROGRAM
2010 - 2014
Parks and Recreation - Bikeways and Other

DESCRIPTION	2010	2011	2012	2013	2014	TOTALS
Kulakowski Bikeway						
Link the S Atherton St Bikeway, the College Twp Bikeway where it comes down from Mt. Nittany Middle School, and the new Oak Hall Overlook Park. The College Twp portion would be along Boalsburg Rd from the Twp line to the Linden Hall Rd entrance to the park in Oak Hall.	-	25,000	-	-	-	25,000
Brandywine Path Connection (600 LF)*	10,000	-	-	-	-	10,000
Future Parkland - Acquisition/Reserve and Development						
Site(s) to be determined by Official Map (Capital Reserve Fund)	-	-	-	-	-	-
ANNUAL TOTALS	\$ 10,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 35,000

2010-2014 CAPITAL IMPROVEMENT PROGRAM

PARKS AND RECREATION

Brandywine Path Connection - \$10,000

Obtain walkway easement from S&A Homes and construct a paved walkway that connect Brandywine Drive to the Panarama Little League Field over top of an existing sanitary sewer easement.

Future Parkland – Reserve - \$0

The Township's Parks and Recreation Committee requests that funds be set-aside annually in a capital reserve account for the purchase of additional open space and/or parkland development in a future year. In light of Oak Hall Acquisition and annual contribution of 1/10th of 1 mil annually to the COG Regional parkland program, no money is budgeted for acquisition at this time.